

NCEN Data Sets

- [1 Overview](#)
- [2 Scope](#)
- [3 Organization](#)
- [4 File Format](#)
- [5 Table Definitions](#)
 - [5.1 SUBMISSION \(Items A.1 and G.1\)](#)
 - [5.2 REGISTRANT \(Items B.1-23\)](#)
 - [5.3 REGISTRANT_WEBSITE \(Item B.2\)](#)
 - [5.4 LOCATION_BOOKS_RECORD \(Item B.3\)](#)
 - [5.5 TERMINATED_ORGANIZATION \(Items B.6\)](#)
 - [5.6 DIRECTOR \(Item B.8\)](#)
 - [5.7 DIRECTOR_FILE_NUMBER \(Item B.8.d\)](#)
 - [5.8 CHIEF_COMPLIANCE_OFFICER \(Item B.9\)](#)
 - [5.9 CCO_EMPLOYER \(Item B.9\)](#)
 - [5.10 REGISTRANT_REPORTING_SERIES \(Items B.10, B.11, 14, 19, 22 and 23\)](#)
 - [5.11 RELEASE_NUMBER \(Item B.15\)](#)
 - [5.12 PRINCIPAL_UNDERWRITER \(Item B.16\)](#)
 - [5.13 PUBLIC_ACCOUNTANT \(Item B.17\)](#)
 - [5.14 VALUATION_METHOD_CHANGE \(Item B.20\)](#)
 - [5.15 VALUATION_METHOD_CHANGE_SERIES \(Item B.20\)](#)
 - [5.16 FUND_REPORTED_INFO \(Items C.1-21, D.2-14\)](#)
 - [5.17 SHARES_OUTSTANDING \(Item C.2\)](#)
 - [5.18 FEEDER_FUNDS \(Item C.3\)](#)
 - [5.19 MASTER_FUNDS \(Item C.3\)](#)
 - [5.20 FOREIGN_INVESTMENT \(Item C.5.b\)](#)
 - [5.21 SECURITY_LENDING \(Item C.6\)](#)
 - [5.22 SEC_LENDING_INDEMNITY_PROVIDER \(Item C.6\)](#)
 - [5.23 COLLATERAL_MANAGER \(Item C.6\)](#)
 - [5.24 ADVISER \(Items C.9 and D.12\)](#)
 - [5.25 TRANSFER_AGENT \(Items C.10 and D.13\)](#)
 - [5.26 PRICING_SERVICE \(Item C.11\)](#)
 - [5.27 CUSTODIAN \(Item C.12 and D.14\)](#)
 - [5.28 SHAREHOLDER_SERVICING_AGENT \(Item C.13\)](#)
 - [5.29 ADMIN \(Item C.14\)](#)
 - [5.30 BROKER_DEALER \(Item C.15\)](#)
 - [5.31 BROKER \(Item C.16\)](#)
 - [5.32 PRINCIPAL_TRANSACTION \(Item C.17\)](#)
 - [5.33 LINE_OF_CREDIT_DETAIL \(Item C.20\)](#)
 - [5.34 LINE_OF_CREDIT_INSTITUTION \(Item C.20\)](#)
 - [5.35 CREDIT_USER \(Item C.20\)](#)
 - [5.36 INTER_FUND_LENDING_DETAIL \(Item C.20\)](#)
 - [5.37 INTER_FUND_BORROWING_DETAIL \(Item C.20\)](#)
 - [5.38 SECURITY_RELATED_ITEM \(Item D.1\)](#)
 - [5.39 RIGHTS_OFFERING_FUND \(Item D.2\)](#)
 - [5.40 LONGTERM_DEBT_DEFAULT \(Item D.5\)](#)
 - [5.41 DIVIDENDS_IN_ARREAR \(Item D.6\)](#)
 - [5.42 SECURITY_EXCHANGE \(Item E.1\)](#)

- [5.43 AUTHORIZED_PARTICIPANT \(Item E.2\)](#)
- [5.44 ETF \(Items E.2, E.3, E.4 and E.5\)](#)
- [5.45 DEPOSITOR \(Item F.1\)](#)
- [5.46 UIT_ADMIN \(Items F.2\)](#)
- [5.47 UIT \(Items F.2-18\)](#)
- [5.48 SERIES_CIK \(Items F.6.b\)](#)
- [5.49 SPONSOR \(Item F.4\)](#)
- [5.50 TRUSTEE \(Item F.5\)](#)
- [5.51 CONTRACT_SECURITY \(Item F.14\)](#)
- [5.52 DIVESTMENT \(Item F.17\)](#)
- [5.53 REGISTRANT_HELDS_SECURITY \(Item F.17\)](#)

1. Overview

Form N-CEN is used by all registered investment companies, other than face-amount certificate companies to file annual reports with the Commission. The Form NCEN data sets are extracted from N-CEN eXtensible Markup Language (XML) submissions in a flat file format to assist users in constructing the data for analysis. The data has been automatically and directly taken from submissions created by the registrants and provided as-filed. The data will be published quarterly. Data contained in documents filed after 5:30pm EST on the last business day of the quarter will be included in the next quarterly posting.

The following table lists the Electronic Data Gathering, Analysis, and Retrieval (EDGAR) submission types included in the data sets.

SUBMISSION TYPE	DESCRIPTION
N-CEN	Annual Report for Registered Investment Companies
N-CEN/A	Amendment to Annual Report for Registered Investment Companies
NT N-CEN	Notice of inability to timely file Form N-CEN
NT N-CEN/A	Amendment to notice of inability to timely file Form N-CEN

2. Scope

The N-CEN data sets consists of XML data submitted from September 2018 through current period. The [EDGAR Technical Specifications](#) page provides the N-CEN XML Technical Specifications Document.

3. Organization

Note that the data sets include information "as filed" in EDGAR document submissions including amendments of prior submissions. Data in this submitted form may contain redundancies, inconsistencies, and discrepancies relative to prior submissions and other publication formats. There are up to 53 data files. Each quarterly data set is accompanied by a metadata file conforming to the W3C specification for tabular data (<https://www.w3.org/TR/tabular-data-model>) that encodes the following information about the data files and their relationships to each other

1. **SUBMISSION** provides N-CEN filing information and EDGAR source data, with each row having the primary key **ACCESSION_NUMBER**.
2. **REGISTRANT** contains information about the Registrant, with each row having the primary key **ACCESSION_NUMBER**.
3. **REGISTRANT_WEBSITE** contains information about Registrant public website, without primary key.
4. **LOCATION_BOOKS_RECORD** contains information about the location of books and records, without primary key.

5. **TERMINATED_ORGANIZATION** provides information for a series of the registrant terminated during the fiscal year end covered by this report, without primary key.
6. **DIRECTOR** provides information about each person serving as director of the Registrant, with each row having **ACCESSION_NUMBER** and **DIRECTOR_SEQNUM** as their keys.
7. **DIRECTOR_FILE_NUMBER** Investment Company Act file number of any other registered investment company for which the person also serves as a director, without primary key.
8. **CHIEF_COMPLIANCE_OFFICER** contains information for each person servings as chief compliance officer of the Registrant, with each row having **ACCESSION_NUMBER** and **CCO_SEQNUM** as their keys.
9. **CCO_EMPLOYER** contains information about the chief compliance officer if they are compensated or employed by any person other than the Registrant, or an affiliated person of the Registrant, for providing chief compliance officer services, without primary key.
10. **REGISTRANT_REPORTING_SERIES** contains series of Registrant reporting information for the following: 'Security Submitted' (item B.10.a), 'Legal Proceeding' (item B.11.a.i), 'Proceeding Terminated' (item B.11.b.i), 'Financial Support' (item B.14.a), 'Audit Opinion' (item B.19.a), 'Payment Error' (item B.22.a.i), 'Payment Dividend' (item B.23.a), without primary key.
11. **RELEASE_NUMBER** contains the release number from the Commission granting an exemption from one or more provisions of the Investment Company Act of 1940 ("Act"), the Securities Act of 1933 ("Securities Act") or the Securities Exchange Act of 1934 ("Exchange Act"), without primary key.
12. **PRINCIPAL_UNDERWRITER** contains information about each principal underwriter, without primary key.
13. **PUBLIC_ACCOUNTANT** contains information about each independent public accountant, without primary key.
14. **VALUATION_METHOD_CHANGE** contains information for material changes in valuation of the Registrant's assets during the reporting period, with each row having **ACCESSION_NUMBER** and **VALUATION_METHOD_CHANGE_SEQNUM** as their keys.
15. **VALUATION_METHOD_CHANGE_SERIES** series involved in a material change in valuation, without primary key.
16. **FUND_REPORTED_INFO** provides information about the fund from parts C and D, with each row having **ACCESSION_NUMBER** and **SERIES_ID** as their keys.
17. **SHARES_OUTSTANDING** provides information for each class with shares outstanding, without primary key.
18. **FEEDER_FUNDS** provides information for each feeder fund if the registrant is a master fund, without primary key.
19. **MASTER_FUNDS** provides information about the master fund if the registrant is a feeder fund, without primary key.
20. **FOREIGN_INVESTMENT** provides information on investments in certain foreign corporations, without primary key.
21. **SECURITY_LENDING** contains information for each securities lending agent retained by the Fund, with each row having **FUND_ID** and **SECURITY_LENDING_SEQNUM** as their keys.
22. **SEC_LENDING_INDEMNITY_PROVIDER** provides information about the entity providing indemnification if not the securities lending agent, without primary key.
23. **COLLATERAL_MANAGER** provides information for each person managing any pooled investment vehicle in which cash collateral is invested in connection with securities lending activities who does not also serve as securities lending agent, without primary key.
24. **ADVISER** provides details of investment advisers, sub-advisers, without primary key.
25. **TRANSFER_AGENT** contains information for each person providing transfer agent services to the Fund, without primary key.

26. **PRICING_SERVICE** information about each person that provided pricing services to the Fund during the reporting period, without primary key.
27. **CUSTODIAN** contains information for each person that provided custodial services to the Fund during the reporting period, without primary key.
28. **SHAREHOLDER_SERVICING_AGENT** contains information about each shareholder servicing agent of the Fund, without primary key.
29. **ADMIN** contains information for each administrator of the Fund, without primary key.
30. **BROKER_DEALER** provides information about each affiliated broker-dealer, without primary key.
31. **BROKER** contains information for each of the ten brokers that received the largest dollar amount of brokerage commissions by virtue of direct or indirect participation in the Fund's portfolio transactions, without primary key.
32. **PRINCIPAL_TRANSACTION** provides information for each of the ten entities acting as principals with which the Fund did the largest amount of principal transactions, without primary key.
33. **LINE_OF_CREDIT_DETAIL** contains information about line of credit detail, with each row having **FUND_ID** and **LINE_OF_CREDIT_SEQNUM** as their keys.
34. **LINE_OF_CREDIT_INSTITUTION** contains information about line of credit institution(s), without primary key.
35. **CREDIT_USER** names of other funds that may use the line of credit, without primary key.
36. **INTER_FUND_LENDING_DETAIL** contains information about interfund lending, without primary key.
37. **INTER_FUND_BORROWING_DETAIL** contains information about interfund borrowing, without primary key.
38. **SECURITY_RELATED_ITEM** contains information about securities issued by the registrant, with each row having **FUND_ID** and **SECURITY_RELATED_ITEM_SEQNUM** as their keys.
39. **RIGHTS_OFFERING_FUND** contains information about type(s) of rights offerings made by the Fund during the reporting period, without primary key.
40. **LONGTERM_DEBT_DEFAULT** contains information about default on long-term debt, without primary key.
41. **DIVIDENDS_IN_ARREAR** contains dividends in arrear issued by the Fund at the close of the reporting period, without primary key.
42. **SECURITY_EXCHANGE** provides exchange listing and symbol of fund, without primary key.
43. **AUTHORIZED_PARTICIPANT** contains information for each authorized participant in the Fund, without primary key.
44. **ETF** contains information for authorized participant post collateral, creation units, benchmark return difference and in-kind ETF, with each row having the primary key **FUND_ID**.
45. **DEPOSITOR** provides information for each depositor, without primary key.
46. **UIT_ADMIN** provides information for each administrator of the fund, without primary key.
47. **UIT** provides additional information for unit investment trusts, with each row having the primary key **ACCESSION_NUMBER**.
48. **SERIES_CIK** contains the CIKs for each series with outstanding securities registered, without primary key.
49. **SPONSOR** contains information about each sponsor, without primary key.

50. **TRUSTEE** provides information about each trustee, without primary key.

51. **CONTRACT_SECURITY** information on the security issued through the separate account, without primary key.

52. **DIVESTMENT** provides information for each divested security under 13(c) of the Act (15 U.S.C. 80a-13(c)), without primary key.

53. **REGISTRANT_HELDS_SECURITY** provides the information of securities of the issuer held by the Registrant on the date of the filing under 13(c) of the Act (15 U.S.C. 80a-13(c)), without primary key.

4. File Format

Each of the data file provide text format, tab delimited, UTF-8 encoding.

5. Table Definitions

The fields in the tables below provide the following information: field name, description, data format, maximum field size, an indication of whether or not the field may be NULL (yes or no), key, and item location in rule. The Key field indicates whether the field is part of a unique index on the data. There are two possible values for this field:

- "*" Indicates the field is part of the unique key for the row.
- Empty (nothing in field) means the field is not part of the unique compound key.

5.1 SUBMISSION (Items A.1 and G.1)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
SUBMISSION_TYPE	Submission type, possible value is 'N-CEN', 'N-CEN/A', 'NT N-CEN', and 'NT N-CEN/A'	VARCHAR2(10)	Y		
CIK	Central Index Key (CIK) of registrant	VARCHAR2(10)	Y		B.1.c
FILING_DATE	Date filed with the Commission sourced from EDGAR	DATE	Y		
REPORT_ENDING_PERIOD	Report for period ending	DATE	Y		A.1.a
IS_REPORT_PERIOD_LT_12MONTH	Does this report cover a period of less than 12 months?	CHAR(1)	Y		A.1.b
FILE_NUM	File number provided by the Commission	VARCHAR2(30)	Y		
REGISTRANT_SIGNED_NAME	Registrant signed name	VARCHAR2(150)	Y		B.1.a
DATE_SIGNED	Signed date	DATE	Y		
SIGNATURE	Signature	VARCHAR2(150)	Y		
TITLE	Title	VARCHAR2(150)	Y		
IS_LEGAL_PROCEEDINGS	Legal proceedings	VARCHAR2(5)	Y		G.1.a.i
IS_PROVISION_FINANCIAL_SUPPORT	Provision of financial support	VARCHAR2(5)	Y		G.1.a.ii
IS_IPA_REPORT_INTERNAL_CONTROL	Independent public accountant's report on internal control (management investment companies other than small business investment companies only)	VARCHAR2(5)	Y		G.1.a.iii
IS_CHANGE_ACC_PRINCIPLES	Change in accounting principles and practices	VARCHAR2(5)	Y		G.1.a.iv

Field Name	Description	Data Type	Nullable	Key	Item In Rule
IS_INFO_REQUIRED_EO	Information required to be filed pursuant to exemptive orders	VARCHAR2(5)	Y		G.1.a.v
IS_OTHER_INFO_REQUIRED	Other information required to be included as an attachment pursuant to Commission rules and regulations	VARCHAR2(5)	Y		G.1.a.vi
IS_MATERIAL_AMENDMENTS	Material amendments to organizational documents	VARCHAR2(5)	Y		G.1.b.i
IS_INST_DEFINING_RIGHTS	Instruments defining the rights of the holders of any new or amended class of securities	VARCHAR2(5)	Y		G.1.b.ii
IS_NEW_OR_AMENDED_INV_ADV_CONT	New or amended investment advisory contracts	VARCHAR2(5)	Y		G.1.b.iii
IS_INFO_ITEM405	Information called for by Item 405 of Regulation S-K	VARCHAR2(5)	Y		G.1.b.iv
IS_CODE_OF_ETHICS	Code of ethics (small business investment companies only):	VARCHAR2(5)	Y		G.1.b.v

5.2 REGISTRANT (Items B.1-23)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
REGISTRANT_NAME	Full name of Registrant	VARCHAR2(150)	Y		B.1.a
FILE_NUM	Investment Company Act file number (e.g., 811-)	VARCHAR2(30)	Y		B.1.b
CIK	CIK	VARCHAR2(10)	Y		B.1.c
LEI	LEI	VARCHAR2(20)	Y		B.1.d
ADDRESS1	Street 1	VARCHAR2(40)	Y		B.2.a
ADDRESS2	Street 2	VARCHAR2(40)	Y		B.2.a
CITY	City	VARCHAR2(30)	Y		B.2.b
STATE	State, if applicable	VARCHAR2(5)	Y		B.2.c
COUNTRY	Country	VARCHAR2(10)	Y		B.2.d
ZIP	Zip code and zip code extension, or foreign postal code	VARCHAR2(10)	Y		B.2.e
PHONE	Telephone number (including country code if foreign)	VARCHAR2(20)	Y		B.2.f
IS_FIRST_FILING	Is this the first filing on this form by the Registrant?	CHAR(1)	Y		B.4.a
IS_LAST_FILING	Is this the last filing on this form by the Registrant?	CHAR(1)	Y		B.4.b
IS_FAMILY_INVESTMENT_COMPANY	Is the Registrant part of a family of investment companies?	CHAR(1)	Y		B.5.a
FAMILY_INVESTMENT_COMPANY_NAME	Full name of family of investment companies	VARCHAR2(150)	Y		B.5.a.i
INVESTMENT_COMPANY_TYPE	Classification of the registrant [item B.6.a-g]	VARCHAR2(10)	Y		B.6
TOTAL_SERIES	Total number of Series of the Registrant	NUMBER(22)	Y		B.6.a.i
IS_REGISTERED_UNDER_ACT_1933	Is the Registrant the issuer of a class of securities registered under the Securities Act of 1933 (Securities Act)?	CHAR(1)	Y		B.7
HAS_SECURITY_HOLDER_VOTE	Were any matters submitted by the Registrant for its security holders' vote during the reporting period?	CHAR(1)	Y		B.10

Field Name	Description	Data Type	Nullable	Key	Item In Rule
HAS_LEGAL_PROCEEDING	Have there been any material legal proceedings, other than routine litigation incidental to the business, to which the Registrant or any of its subsidiaries was a party or of which any of their property was the subject during the reporting period?	CHAR(1)	Y		B.11.a
IS_PROCEEDING_TERMINATED	Has any proceeding previously reported been terminated?	CHAR(1)	Y		B.11.b
IS_FIDELITY_BOND_CLAIMED	Were any claims with respect to the Registrant filed under a fidelity bond (including, but not limited to, the fidelity insuring agreement of the bond) during the reporting period?	CHAR(1)	Y		B.12.a
FIDELITY_BOND_CLAIMED_AMOUNT	Enter the Aggregate dollar amount of fidelity bond claims filed	NUMBER(22)	Y		B.12.a.i
HAS_DIRECTOR_INSURANCE_POLICY	Are the Registrant's officers or directors covered in their capacities as officers or directors under any directors and officers/errors and omissions insurance policy owned by the Registrant or anyone else?	CHAR(1)	Y		B.13.a
HAS_DIRECTOR_FILED_CLAIM	Were any claims filed under a directors and officers/errors and omission insurance policy during the reporting period with respect to the Registrant?	CHAR(1)	Y		B.13.a.i
FINANCIAL_SUPPORT_2REGISTRANT	Did an affiliated person, promotor, or principal underwriter of the Registrant, or an affiliated person of such a person, provide any form of financial support to the Registrant during the reporting period	CHAR(1)	Y		B.14
IS_EXEMPTIVE_ORDER	During the reporting period, did the Registrant rely on any orders from the Commission granting an exemption from one or more provisions of the Act, Securities Act or Exchange Act?	CHAR(1)	Y		B.15.a
IS_UNDERWRITER_HIRED_OR_FIRED	Have any principal underwriters been hired or terminated during the reporting period	CHAR(1)	Y		B.16.b
IS_PUB_ACCOUNTANT_CHANGED	Has the independent public accountant changed since the last filing?	CHAR(1)	Y		B.17.f
IS_MATERIAL_WEAKNESS_NOTED	For the reporting period, did an independent public accountant's report on internal control note any material weaknesses	CHAR(1)	Y		B.18
IS_ACCT_OPINION_QUALIFIED	For the reporting period, did an independent public accountant issue an opinion other than an unqualified opinion with respect to its audit of the Registrant's financials statements	CHAR(1)	Y		B.19
IS_VALUE_METHOD_CHANGED	Have there been material changes in the method of valuation of the Registrant's assets during the reporting period	CHAR(1)	Y		B.20
IS_ACCT_PRINCIPLE_CHANGED	Have there been any changes in accounting principles or practices, or any change in the method of applying any such accounting principles or practices, which will materially affect the financial statements filed or to be filed for the current year with the Commission and which has not been previously reported	CHAR(1)	Y		B.21
IS_NAV_ERROR_CORRECTED	During the reporting period, were any payments made to shareholders or shareholder accounts reprocessed as a result of an error in calculating the Registrant's net asset value (or net asset value per share)?	CHAR(1)	Y		B.22.a
ANY_DIVIDEND_PAYMENT	During the reporting period, did the Registrant pay any dividend or make any distribution in the nature of a dividend payment, required to be accompanied by a written statement pursuant to section 19(a) of the Act (15 U.S.C. 80a-19(a)) and rule 19a-1 thereunder (17 CFR 27-.19a-1)	CHAR(1)	Y		B.23

5.3 REGISTRANT_WEBSITE (Item B.2)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
WEBPAGE	Webpage	VARCHAR2(150)	Y		B.2.g

5.4 LOCATION_BOOKS_RECORD (Item B.3)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
OFFICE_NAME	Name of person (e.g., custodian)	VARCHAR2(150)	Y		B.3.a
ADDRESS1	Street 1	VARCHAR2(40)	Y		B.3.b
ADDRESS2	Street 2	VARCHAR2(40)	Y		B.3.b
CITY	City	VARCHAR2(30)	Y		B.3.c
STATE	State, if applicable	VARCHAR2(5)	Y		B.3.d
COUNTRY	Country	VARCHAR2(10)	Y		B.3.e
ZIP	Zip code and zip code extension, or foreign postal code	VARCHAR2(10)	Y		B.3.f
PHONE	Telephone number (including country code if foreign)	VARCHAR2(20)	Y		B.3.g
BOOKS_RECORDS_DESC	Description of books and records kept at location	CLOB(4000)	Y		B.3.h

5.5 TERMINATED_ORGANIZATION (Items B.6)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
SERIES_NAME	Name of the Series	VARCHAR2(150)	Y		B.6.a.ii.1
SERIES_ID	Series identification number	VARCHAR2(10)	Y		B.6.a.ii.2
TERMINATION_DATE	Date of termination (month/year)	VARCHAR2(10)	Y		B.6.a.ii.3

5.6 DIRECTOR (Item B.8)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
DIRECTOR_SEQNUM	Director sequence number	NUMBER(22)	N	*	
DIRECTOR_NAME	Full name	VARCHAR2(150)	Y		B.8.a

Field Name	Description	Data Type	Nullable	Key	Item In Rule
CRD_NUMBER	CRD number	VARCHAR2(9)	Y		B.8.b
IS_INTERESTED_PERSON	Is the person an interested person of the Registrant as that term is defined in section 2(a)(19) of the Act (15 U.S.C. 80a-2(a)(19))	CHAR(1)	Y		B.8.c

5.7 DIRECTOR_FILE_NUMBER (Item B.8.d)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
DIRECTOR_SEQNUM	DIRECTOR Sequence number	NUMBER(22)	N		
FILE_NUMBER	List of Investment Company Act file numbers of any other registered investment company for which the person also serves as a director. Space delimited	VARCHAR2(4000)	Y		B.8.d

5.8 CHIEF_COMPLIANCE_OFFICER (Item B.9)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
CCO_SEQNUM	CHIEF_COMPLIANCE_OFFICER Sequence number	NUMBER(22)	N	*	
CCO_NAME	Full Name	VARCHAR2(150)	Y		B.9.a
CRD_NUMBER	CRD number	VARCHAR2(9)	Y		B.9.b
CCO_ADDRESS1	Street 1	VARCHAR2(40)	Y		B.9.c
CCO_ADDRESS2	Street 2	VARCHAR2(40)	Y		B.9.c
CCO_CITY	City	VARCHAR2(30)	Y		B.9.d
STATE	State	VARCHAR2(5)	Y		B.9.e
COUNTRY	Country	VARCHAR2(10)	Y		B.9.f
CCO_ZIP	Zip code and zip code extension, or foreign postal code	VARCHAR2(10)	Y		B.9.g
IS_CHANGED_SINCE_LAST_FILING	Has the chief compliance officer changed since the last filing	CHAR(1)	Y		B.9.i

5.9 CCO_EMPLOYER (Item B.9)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
CCO_SEQNUM	CHIEF_COMPLIANCE_OFFICER Sequence number	NUMBER(22)	N		
CCO_EMPLOYER_NAME	Name of the person	VARCHAR2(150)	Y		B.9.j.i

Field Name	Description	Data Type	Nullable	Key	Item In Rule
CCO_EMPLOYER_ID	Person's IRS Employer Identification Number	VARCHAR2(10)	Y		B.9.j.ii

5.10 REGISTRANT_REPORTING_SERIES (Items B.10, B.11, 14, 19, 22 and 23)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
SOURCE	The subject of the series of the registrant involved, possible value is 'Security Submitted' (item B.10.a), 'Legal Proceeding' (item B.11.a.i), 'Proceeding Terminated' (item B.11.b.i), 'Financial Support' (item B.14.a), 'Audit Opinion' (item B.19.a), 'Payment Error' (item B.22.a.i), 'Payment Dividend' (item B.23.a)	VARCHAR2(30)	Y		
SERIES_NAME	Series Name	VARCHAR2(150)	Y		B.10.a.i,B.11.a.i.1,B.11.b.i.1,B.14.a.i,B.19.a.i,B.22.a.i.1,B.23.a.i
SERIES_ID	Series Identification	VARCHAR2(10)	Y		B.10.a.ii,B.11.a.i.2,B.11.b.i.2,B.14.a.ii,B.19.a.ii,B.22.a.i.2,B.23.a.ii

5.11 RELEASE_NUMBER (Item B.15)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
RELEASE_NUMBER	Release number from the Commission granting an exemption from one or more provisions of the Act, Securities Act or Exchange Act	VARCHAR2(20)	Y		B.15.a.i

5.12 PRINCIPAL_UNDERWRITER (Item B.16)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
UNDERWRITER_NAME	Full name	VARCHAR2(150)	Y		B.16.a.i
FILE_NUM	SEC file number (e.g., 8-)	VARCHAR2(30)	Y		B.16.a.ii
CRD_NUM	CRD number	VARCHAR2(9)	Y		B.16.a.iii
UNDERWRITER_LEI	LEI, if any	VARCHAR2(20)	Y		B.16.a.iv
STATE	State, if applicable	VARCHAR2(5)	Y		B.16.a.v
COUNTRY	Country	VARCHAR2(10)	Y		B.16.a.vi

Field Name	Description	Data Type	Nullable	Key	Item In Rule
IS_AFFILIATED	Is the principal underwriter an affiliated person of the Registrant, or its investment adviser(s) or depositor? [Y/N]	CHAR(1)	Y		B.16.a.vii

5.13 PUBLIC_ACCOUNTANT (Item B.17)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
PUB_ACCOUNTANT_NAME	Full name	VARCHAR2(150)	Y		B.17.a
PCAOB_NUM	PCAOB number	VARCHAR2(20)	Y		B.17.b
PUB_ACCOUNTANT_LEI	LEI, if any	VARCHAR2(20)	Y		B.17.c
STATE	State, if applicable	VARCHAR2(5)	Y		B.17.d
COUNTRY	Country	VARCHAR2(10)	Y		B.17.e

5.14 VALUATION_METHOD_CHANGE (Item B.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
VALUATION_METHOD_CHANGE_SEQNUM	VALUATION_METHOD_CHANGE Sequence number	NUMBER(22)	N	*	
DATE_OF_CHANGE	Date of change	DATE	Y		B.20.a
CHANGE_EXPLANATION	Explanation of the change	CLOB(4000)	Y		B.20.b
ASSET_TYPE	Asset type involved	VARCHAR2(50)	Y		B.20.c
ASSET_TYPE_OTHER_DESC	Description of Other Asset type involved	CLOB(4000)	Y		B.20.c
INVESTMENT_TYPE	Type of investments involved	CLOB(4000)	Y		B.20.d
STATUTORY_REGULATORY_BASIS	Statutory or regulatory basis, if any	CLOB(4000)	Y		B.20.e

5.15 VALUATION_METHOD_CHANGE_SERIES (Item B.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
VALUATION_METHOD_CHANGE_SEQNUM	VALUATION_METHOD_CHANGE Sequence number	NUMBER(22)	N		
SERIES_NAME	Series name	VARCHAR2(150)	Y		B.20.f.i
SERIES_ID	Series identification number	VARCHAR2(10)	Y		B.20.f.ii

5.16 FUND_REPORTED_INFO (Items C.1-21, D.2-14)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
FUND_NAME	Full name of the Fund	VARCHAR2(150)	Y		C.1.a
SERIES_ID	Series identification number	VARCHAR2(10)	Y	*	C.1.b
LEI	LEI	VARCHAR2(20)	Y		C.1.c
IS_FIRST_FILING	Is this the first filing on this form by the Fund?	CHAR(1)	Y		C.1.d
AUTHORIZED_SHARES_CNT	How many Classes of shares of the Fund (if any) are authorized?	NUMBER(22)	Y		C.2.a
ADDED_NEW_SHARES_CNT	How many new Classes of shares of the Fund were added during the reporting period?	NUMBER(22)	Y		C.2.b
TERMINATED_SHARES_CNT	How many Classes of shares of the Fund were terminated during the reporting period?	NUMBER(22)	Y		C.2.c
IS ETF	'Y' if fundType = 'Exchange-Traded Fund'	CHAR(1)	Y		C.3.a.i
IS_ETMF	'Y' if fundType = 'Exchange-Traded Managed Fund'	CHAR(1)	Y		C.3.a.ii
IS_INDEX	'Y' if fundType = 'Index Fund'	CHAR(1)	Y		C.3.b
IS_MULTI_INVERSE_INDEX	'Y' if fundType = 'Multi Inverse Index'	CHAR(1)	Y		C.3.c
IS_INTERVAL	'Y' if fundType = 'Interval Fund'	CHAR(1)	Y		C.3.d
IS_FUND_OF_FUND	'Y' if fundType = 'Fund of Funds'	CHAR(1)	Y		C.3.e
IS_MASTER_FEEDER	'Y' if fundType = 'Master-Feeder Fund'	CHAR(1)	Y		C.3.f
IS_MONEY_MARKET	'Y' if fundType = 'Money Market Fund'	CHAR(1)	Y		C.3.g
IS_TARGET_DATE	'Y' if fundType = 'Target Date Fund'	CHAR(1)	Y		C.3.h
IS_UNDERLYING_FUND	'Y' if fundType = 'Underlying fund'	CHAR(1)	Y		C.3.i
IS_FUND_TYPE_NA	'Y' if fundType = 'N/A'	CHAR(1)	Y		C.3
IS_INDEX_AFFILIATED	Is the index whose performance the Fund tracks, constructed by an affiliated person of the Fund	CHAR(1)	Y		C.3.b.i.1
IS_INDEX_EXCLUSIVE	Is the index whose performance the Fund tracks, constructed exclusively for the fund	CHAR(1)	Y		C.3.b.i.2
RETURN_B4_FEES_AND_EXPENSES	The annualized difference between TheFund's total return and Theindex's return during Thereporting period before fund fees and expenses	NUMBER(22)	Y		C.3.b.ii.1
RETURN_AFTR_FEES_AND_EXPENSES	The annualized difference between The Fund's total return and The index's return during The reporting period after fund fees and expenses	NUMBER(22)	Y		C.3.b.ii.2
STDV_B4_FEES_AND_EXPENSES	The annualized standard deviation of The daily difference between The Fund's total return and The index's return during The reporting period before fund fees and expenses	NUMBER(22)	Y		C.3.b.iii.1
STDV_AFTR_FEES_AND_EXPENSES	The annualized standard deviation of The daily difference between The Fund's total return and The index's return during The reporting period after fund fees and expenses	NUMBER(22)	Y		C.3.b.iii.2
IS_NON_DIVERSIFIED	Does the fund seek to operate as a non-diversified company	CHAR(1)	Y		C.4

Field Name	Description	Data Type	Nullable	Key	Item In Rule
IS_FOREIGN_SUBSIDIARY	Does the fund invest in a controlled foreign corporation for the purpose of investing in certain types of instruments such as, but not limited to, commodities	CHAR(1)	Y		C.5.a
IS_SEC_LENDING_AUTHORIZED	Is the Fund authorized to engage in securities lending transactions	CHAR(1)	Y		C.6.a
DID_LEND_SECURITIES	Did the Fund lend any of its securities during the reporting period	CHAR(1)	Y		C.6.b
IS_COLLATERAL_LIQUIDATED	During the report period, did any borrower fail to return the loaned securities by the contractual deadline with the result that the Fund (or its securities lending agent) liquidated collateral pledged to secure the loaned securities	CHAR(1)	Y		C.6.b.i.1
IS_IMPACTED_ADVERSELY	During the report period, did any borrower fail to return the loaned securities by the contractual deadline with the result that the Fund was otherwise adversely impacted	CHAR(1)	Y		C.6.b.i.2
IS_PYMNT_REV_SHARING_SPLIT	Revenue sharing split: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.i
IS_PYMNT_NON_REV_SHARING_SPLIT	Non-revenue sharing split (other than administrative fee): payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.ii
IS_PYMNT_ADMIN_FEE	Administrative fee: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.iii
IS_PYMNT_CASH_COLLATERAL_FEE	Cash collateral reinvestment fee: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.iv
IS_PYMNT_INDEMNI_FEE	Indemnification fee: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.v
IS_PYMNT_OTHER	Other: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e.vi
IS_PYMNT_NA	N/A: payment type to securities lending agents and cash collateral managers	CHAR(1)	Y		C.6.e
OTHER_FEE_DESC	If payment type to securities lending agents and cash collateral managers 'other', describe	CLOB(4000)	Y		C.6.e.vi
AVG_VALUE_SEC_LOAN	Provide the monthly average of the value of portfolio securities on loan during the reporting period	NUMBER(22)	Y		C.6.f
NET_INCOME_SEC_LENDING	Provide the net income from securities lending activities	NUMBER(22)	Y		C.6.g
IS_RELYON_RULE_10F_3	Did the Fund rely on Rule 10f-3 (17 CFR 270.10f-3)	CHAR(1)	Y		C.7.a
IS_RELYON_RULE_12D1_1	Did the Fund rely on Rule 12d1-1 (17 CFR 270.12d1-1)	CHAR(1)	Y		C.7.b
IS_RELYON_RULE_15A_4	Did the Fund rely on Rule 15a-4 (17 CFR 270.15a-4)	CHAR(1)	Y		C.7.c
IS_RELYON_RULE_17A_6	Did the Fund rely on Rule 17a-6 (17 CFR 270.17a-6)	CHAR(1)	Y		C.7.d
IS_RELYON_RULE_17A_7	Did the Fund rely on Rule 17a-7 (17 CFR 270.17a-7)	CHAR(1)	Y		C.7.e
IS_RELYON_RULE_17A_8	Did the Fund rely on Rule 17a-8 (17 CFR 270.17a-8)	CHAR(1)	Y		C.7.f
IS_RELYON_RULE_17E_1	Did the Fund rely on Rule 17e-1 (17 CFR 270.17e-1)	CHAR(1)	Y		C.7.g
IS_RELYON_RULE_22D_1	Did the Fund rely on Rule 22d-1 (17 CFR 270.22d-1)	CHAR(1)	Y		C.7.h
IS_RELYON_RULE_23C_1	Did the Fund rely on Rule 23c-1 (17 CFR 270.23c-1)	CHAR(1)	Y		C.7.i
IS_RELYON_RULE_32A_4	Did the Fund rely on Rule 32a-4 (17 CFR 270.32a-4)	CHAR(1)	Y		C.7.j
IS_RELYON_RULE_6C_11	Did the Fund rely on Rule 6(c)-11 (17 CFR 270.6c-11)	CHAR(1)	Y		C.7.k
IS_RELYON_RULE_12D1_4	Did the Fund rely on Rule 12d1-4 (17 CFR 270.12d1-4)	CHAR(1)	Y		C.7.l

Field Name	Description	Data Type	Nullable	Key	Item In Rule
IS_RELYON_RULE_12D1G	Did the Fund rely on Section 12(d)(1)(G) of the Act (15 USC 80a-12(d)(1)(G))	CHAR(1)	Y		C.7.m
IS_RELYON_RULE_18F_4	Did the Fund rely on Rule 18f-4 (17 CFR 270.18f-4)	CHAR(1)	Y		C.7.n
IS_RELYON_RULE_18F_4C4	Is the Fund excepted from the rule 18f-4 (17 CFR 270.18f-4) program requirement and limit on fund leverage risk under rule 18f-4(c)(4) (17 CFR 270.18f-4(c)(4))	CHAR(1)	Y		C.7.o
IS_RELYON_RULE_18F_4C2	Is the Fund a leveraged/inverse fund that, under rule 18f-4(c)(5) (17 CFR 270.18f-4(c)(5)), is excepted from the requirement to comply with the limit on fund leverage risk described in rule 18f-4(c)(2) (17 CFR 270.18f-4(c)(2))	CHAR(1)	Y		C.7.p
IS_RELYON_RULE_18F_4DI	Did the Fund enter into any reverse repurchase agreements or similar financing transactions under rule 18f-4(d)(i) (17 CFR 270.18f-4(d)(i))	CHAR(1)	Y		C.7.q
IS_RELYON_RULE_18F_4DII	Did the Fund enter into any reverse repurchase agreements or similar financing transactions under rule 18f-4(d)(ii) (17 CFR 270.18f-4(d)(ii))	CHAR(1)	Y		C.7.r
IS_RELYON_RULE_18F_4E	Did the Fund enter into any unfunded commitment agreements under rule 18f-4(e) (17 CFR 270.18f-4(e))	CHAR(1)	Y		C.7.s
IS_RELYON_RULE_18F_4F	Did the Fund invest in a security on a when-issued or forward-settling basis, or with a non-standard settlement cycle, in reliance on rule 18f-4(f) (17 CFR 270.18f-4(f))	CHAR(1)	Y		C.7.t
IS_RELYON_RULE_NA	Rely on rule type is N/A	CHAR(1)	Y		C.7
HAS_EXP_LIMIT	Did the Fund have an expense limitation arrangement in place during the reporting period	CHAR(1)	Y		C.8.a
HAS_EXP_REDUCED_WAIVED	Were any expenses of the Fund reduced or waived pursuant to an expense limitation arrangement during the reporting period	CHAR(1)	Y		C.8.b
HAS_EXP_SUBJ_RECOUP	Are the fees waived subject to recoupment	CHAR(1)	Y		C.8.c
HAS_EXP_RECOUPED	Were any expenses previously waived recouped during the period	CHAR(1)	Y		C.8.d
HAS_XAGENT_HIRED_FIRED_MI	Has a transfer agent been hired or terminated during the reporting period	CHAR(1)	Y		C.10.b
HAS_PRICING_SRVC_HIRED_FIRED	Was a pricing service hired or terminated during the reporting period	CHAR(1)	Y		C.11.b
HAS_CUSTODIAN_HIRED_FIRED_MI	Has a custodian been hired or terminated during the reporting period	CHAR(1)	Y		C.12.b
HAS_SH_SRVC_HIRED_FIRED	Has a shareholder servicing agent been hired or terminated during the reporting period	CHAR(1)	Y		C.13.b
HAS_ADMIN_HIRED_FIRED	Has an administrator been hired or terminated during the reporting period	CHAR(1)	Y		C.14.b
AGG_COMMISSION	Aggregate brokerage commissions paid by Fund during the reporting period	NUMBER(22)	Y		C.16.b
AGG_PRINCIPAL	Aggregate value of principal purchase/sale transactions of Fund during the reporting period	NUMBER(22)	Y		C.17.b
DID_PAY_BROKER_RESEARCH	During the reporting period, did the Fund pay commissions to broker-dealers for brokerage and research services within the meaning of section 28(e) of the Exchange Act (15 U.S.C. 78bb)	CHAR(1)	Y		C.18
MONTHLY_AVG_NET_ASSETS	Provide the Fund's (other than a money market fund's) monthly average net assets during the reporting period	NUMBER(22)	Y		C.19.a
DAILY_AVG_NET_ASSETS	Provide the money market fund's daily average net assets during the reporting period	NUMBER(22)	Y		C.19.b
HAS_LINE_OF_CREDIT	Does the Fund have available a line of credit	CHAR(1)	Y		C.20.a
HAS_INTERFUND_LENDING	Did the Fund engage in interfund lending	CHAR(1)	Y		C.20.b
HAS_INTERFUND_BORROWING	Did the Fund engage in interfund borrowing	CHAR(1)	Y		C.20.c

Field Name	Description	Data Type	Nullable	Key	Item In Rule
HAS_SWING_PRICING	Did the Fund (if not a Money Market Fund, Exchange-Traded Fund, or Exchange-Traded Managed Fund) engage in swing pricing	CHAR(1)	Y		C.21.a
SWING_FACTOR_UPPER_LIMIT	What was the swing factor upper limit	NUMBER(22)	Y		C.21.a.i
DID_MAKE_RIGHTS_OFFERING	Did the Fund make a rights offering with respect to any type of security during the reporting period	CHAR(1)	Y		D.2.a
DID_MAKE_SECOND_OFFERING	Did the Fund make a secondary offering during the reporting period	CHAR(1)	Y		D.3.a
IS_SECONDARY_COMMON	Secondary offering type common stock	CHAR(1)	Y		D.3.b.i
IS_SECONDARY_PREFERRED	Secondary offering type preferred stock	CHAR(1)	Y		D.3.b.ii
IS_SECONDARY_WARRANTS	Secondary offering type warrants	CHAR(1)	Y		D.3.b.iii
IS_SECONDARY_CONVERTIBLES	Secondary offering type convertible securities	CHAR(1)	Y		D.3.b.iv
IS_SECONDARY_BONDS	Secondary offering type bonds	CHAR(1)	Y		D.3.b.v
IS_SECONDARY_OTHER	Secondary offering type other	CHAR(1)	Y		D.3.b.vi
OTHER_SECONDARY_DESC	If secondary offering type other, describe	CLOB(4000)	Y		D.3.b.vi
DID_REPURCHASE_SECURITY	Did the Fund repurchase any outstanding securities issued by the Fund during the reporting period	CHAR(1)	Y		D.4.a
IS_REPUR_COMMON	Repurchase type common stock	CHAR(1)	Y		D.4.b.i
IS_REPUR_PREFERRED	Repurchase type preferred stock	CHAR(1)	Y		D.4.b.ii
IS_REPUR_WARRANTS	Repurchase type warrants	CHAR(1)	Y		D.4.b.iii
IS_REPUR_CONVERTIBLES	Repurchase type convertible securities	CHAR(1)	Y		D.4.b.iv
IS_REPUR_BONDS	Repurchase type bonds	CHAR(1)	Y		D.4.b.v
IS_REPUR_OTHER	Repurchase type other	CHAR(1)	Y		D.4.b.vi
OTHER_REPUR_DESC	if repurchase type other, describe	CLOB(4000)	Y		D.4.b.vi
IS_LONG_TERM_DEBT_DEFAULT	Were any issues of the Fund's long-term debt in default at the close of the reporting period with respect to the payment of principal, interest, or amortization	CHAR(1)	Y		D.5.a
IS_ACCUM_DIVIDEND_IN_ARREARS	Were any accumulated dividends in arrears on securities issued by the Fund at the close of the reporting period	CHAR(1)	Y		D.6.a
IS_SECURITY_MAT_MODIFIED	Have the terms of any constituent instruments defining the rights of the holders of any class of the Registrant's securities been materially modified	CHAR(1)	Y		D.7
MANAGEMENT_FEE	Provide the Fund's advisory fee as of the end of the reporting period as a percentage of net assets	NUMBER(22)	Y		D.8
NET_OPERATING_EXPENSES	Provide the Fund's net annual operating expenses as of the end of the reporting period (net of any waivers or reimbursements) as a percentage of net assets	NUMBER(22)	Y		D.9
MARKET_PRICE_PER_SHARE	Market price per share at end of reporting period	NUMBER(22)	Y		D.10
NAV_PER_SHARE	Net asset value per share at end of reporting period	NUMBER(22)	Y		D.11
HAS_XAGENT_HIRED_FIRED_CE	Has a transfer agent been hired or terminated during the reporting period	CHAR(1)	Y		D.13.b
HAS_CUSTODIAN_HIRED_FIRED_CE	Has a custodian been hired or terminated during the reporting period	CHAR(1)	Y		D.14.b

5.17 SHARES_OUTSTANDING (Item C.2)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
CLASS_NAME	Full name of Class	VARCHAR2(150)	Y		C.2.d.i
CLASS_ID	Class identification number, if any	VARCHAR2(10)	Y		C.2.d.ii
TICKER	Ticker symbol, if any	VARCHAR2(12)	Y		C.2.d.iii

5.18 FEEDER_FUNDS (Item C.3)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
FUND_NAME	Full name	VARCHAR2(150)	Y		C.3.f.i.1
REGISTERED_FILE_NUM	Investment Company Act file number (e.g., 811-)	VARCHAR2(30)	Y		C.3.f.i.2.A
REGISTERED_SERIES_ID	Series identification number	VARCHAR2(10)	Y		C.3.f.i.2.B
REGISTERED_FUND_LEI	LEI of feeder fund	VARCHAR2(20)	Y		C.3.f.i.2.C
UNREGISTERED_FILE_NUM	SEC file number of the feeder fund's investment adviser (e.g., 801-)	VARCHAR2(30)	Y		C.3.f.i.3.A
UNREGISTERED_FUND_LEI	LEI of feeder fund, if any:	VARCHAR2(20)	Y		C.3.f.i.3.B

5.19 MASTER_FUNDS (Item C.3)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
FUND_NAME	Full name	VARCHAR2(150)	Y		C.3.f.ii.1
FILE_NUM	Investment Company Act file number (e.g., 811-)	VARCHAR2(30)	Y		C.3.f.ii.2
SEC_FILE_NUM	SEC file number of the master fund's investment adviser (e.g., 801-)	VARCHAR2(30)	Y		C.3.f.ii.3
FUND_LEI	LEI	VARCHAR2(20)	Y		C.3.f.ii.4

5.20 FOREIGN_INVESTMENT (Item C.5.b)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
FOREIGN_SUBSIDIARY_NAME	Full name of subsidiary	VARCHAR2(150)	Y		C.5.b.i
FOREIGN_SUBSIDIARY_LEI	LEI of subsidiary, if any	VARCHAR2(20)	Y		C.5.b.ii

5.21 SECURITY_LENDING (Item C.6)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N	*	
SECURITY_LENDING_SEQNUM	SECURITY_LENDING Sequence number	NUMBER(22)	N	*	

Field Name	Description	Data Type	Nullable	Key	Item In Rule
SECURITIES_AGENT_NAME	Full name of securities lending agent	VARCHAR2(150)	Y		C.6.c.i
SECURITIES_AGENT_LEI	LEI, if any	VARCHAR2(20)	Y		C.6.c.ii
IS_AFFILIATED	Is the securities lending agent an affiliated person, or an affiliated person of an affiliated person, of the Fund? [Y/N]	CHAR(1)	Y		C.6.c.iii
SECURITY_AGENT_IDEMNITY	Does the securities lending agent or any other entity indemnify the fund against borrower default on loans administered by this agent?	CHAR(1)	Y		C.6.c.iv
DID_INDEMNIFICATION_RIGHTS	Did the Fund exercise its indemnification rights during the reporting period?	CHAR(1)	Y		C.6.c.vi

5.22 SEC_LENDING_INDEMNITY_PROVIDER (Item C.6)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
SECURITY_LENDING_SEQNUM	Security lending sequence number	NUMBER(22)	N		
INDEMNITY_PROVIDER_NAME	Name of person providing indemnification	VARCHAR2(150)	Y		C.6.c.v.1
INDEMNITY_PROVIDER_LEI	LEI, if any, of person providing indemnification:	VARCHAR2(20)	Y		C.6.c.v.2

5.23 COLLATERAL_MANAGER (Item C.6)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
COLLATERAL_MANAGER_NAME	Full Name	VARCHAR2(150)	Y		C.6.d.i
COLLATERAL_MANAGER_LEI	LEI	VARCHAR2(20)	Y		C.6.d.ii
IS_AFFILIATED	Is the cash collateral manager an affiliated person, or an affiliated person of an affiliated person, of a securities lending agent retained by the Fund	CHAR(1)	Y		C.6.d.iii
IS_AFFILIATED_WITH_FUND	Is the cash collateral manager an affiliated person, or an affiliated person of an affiliated person, of the Fund	CHAR(1)	Y		C.6.d.iv

5.24 ADVISER (Items C.9 and D.12)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, CIK, and series identifier, when available	VARCHAR2(42)	N		
SOURCE	'Part C' if the data is for 'managementInvestmentQuestion', \n 'Part D' if the data is for 'closedEndManagementInvestment'	VARCHAR2(10)	N		

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ADVISER_TYPE	Possible values are 'Adviser', 'Subadviser', 'Terminated Adviser' and 'Terminated Subadviser'	VARCHAR2(30)	Y		
ADVISER_NAME	Full name	VARCHAR2(150)	Y		C.9.a.i,C.9.b.i,C.9.c.i,C.9.d.i,D.12.a.i,D.12.b.i,D.12.c.i,D.12.d.i
FILE_NUM	SEC file number	VARCHAR2(30)	Y		C.9.a.ii,C.9.b.ii,C.9.c.ii,C.9.d.ii,D.12.a.ii,D.12.b.ii,D.12.c.ii,D.12.d.ii
CRD_NUM	CRD number	VARCHAR2(9)	Y		C.9.a.iii,C.9.b.iii,C.9.c.iii,C.9.d.iii,D.12.a.iii,D.12.b.iii,D.12.c.iii,D.12.d.iii
ADVISER_LEI	LEI, if any	VARCHAR2(20)	Y		C.9.a.iv,C.9.b.iv,C.9.c.iv,C.9.d.iv,D.12.a.iv,D.12.b.iv,D.12.c.iv,D.12.d.iv
STATE	State	VARCHAR2(5)	Y		C.9.a.v,C.9.b.v,C.9.c.v,C.9.d.v,D.12.a.v,D.12.b.v,D.12.c.v,D.12.d.v
COUNTRY	Country	VARCHAR2(10)	Y		C.9.a.vi,C.9.b.vi,C.9.c.vi,C.9.d.vi,D.12.a.vi,D.12.b.vi,D.12.c.vi,D.12.d.vi
IS_AFFILIATED	Is the sub-adviser an affiliated person of the Fund's investment adviser(s)	CHAR(1)	Y		C.9.c.vii,D.12.c.vii
IS_ADVISOR_HIRED	Was hired during the reporting period	CHAR(1)	Y		C.9.a.vii,C.9.c.viii,D.12.a.vii,D.12.c.viii
ADVISOR_START_DATE	If hired during the reporting period, start date	DATE	Y		C.9.a.vii.1,C.9.c.viii.1,D.12.a.vii.1,D.12.c.viii.1
ADVISOR_TERMINATED_DATE	Termination date	DATE	Y		C.9.b.vii,C.9.d.vii,D.12.b.vii,D.12.d.vii

5.25 TRANSFER_AGENT (Items C.10 and D.13)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
SOURCE	'Part C' if the data is for 'managementInvestmentQuestion', \n 'Part D' if the data is for 'closedEndManagementInvestment'	VARCHAR2(10)	N		
TRANSFERAGENT_NAME	Full name	VARCHAR2(150)	Y		C.10.a.i,D.13.a.i
FILE_NUM	SEC file number (e.g., 84- or 85-)	VARCHAR2(30)	Y		C.10.a.ii,D.13.a.ii
TRANSFERAGENT_LEI	LEI, if any	VARCHAR2(20)	Y		C.10.a.iii,D.13.a.iii
STATE	State, if applicable	VARCHAR2(5)	Y		C.10.a.iv,D.13.a.iv
COUNTRY	Country	VARCHAR2(10)	Y		C.10.a.v,D.13.a.v
IS_AFFILIATED	Is the transfer agent an affiliated person of the Fund or its investment adviser(s)	CHAR(1)	Y		C.10.a.vi,D.13.a.vi
IS_SUBTRANSFER_AGENT	Is the transfer agent a sub-transfer agent?	CHAR(1)	Y		C.10.a.vii,D.13.a.vii

5.26 PRICING_SERVICE (Item C.11)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
PRICING_SERVICE_NAME	Full name	VARCHAR2(150)	Y		C.11.a.i
PRICING_SERVICE_LEI	LEI	VARCHAR2(100)	Y		C.11.a.ii
OTHER_IDENTIFYING_NUM_DESC	Description of other identifying number, if not LEI	VARCHAR2(500)	Y		C.11.a.ii

Field Name	Description	Data Type	Nullable	Key	Item In Rule
STATE	State, if applicable	VARCHAR2(5)	Y		C.11.a.iii
COUNTRY	Country	VARCHAR2(10)	Y		C.11.a.iv
IS_AFFILIATED	Is the pricing service an affiliated person of the Fund or its investment adviser(s)?	CHAR(1)	Y		C.11.a.v

5.27 CUSTODIAN (Item C.12 and D.14)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
SOURCE	'Part C' if the data is for 'managementInvestmentQuestion', \n 'Part D' if the data is for 'closedEndManagementInvestment'	VARCHAR2(10)	N		
CUSTODIAN_NAME	Full name	VARCHAR2(150)	Y		C.12.a.i,D.14.a.i
CUSTODIAN_LEI	LEI, if any	VARCHAR2(20)	Y		C.12.a.ii,D.14.a.ii
STATE	State, if applicable	VARCHAR2(5)	Y		C.12.a.iii,D.14.a.iii
COUNTRY	Country	VARCHAR2(10)	Y		C.12.a.iv,D.14.a.iv
IS_AFFILIATED	Is the custodian an affiliated person of the Fund or its investment adviser(s)	CHAR(1)	Y		C.12.a.v,D.14.a.v
IS_SUB_CUSTODIAN	Is the custodian a sub-custodian	CHAR(1)	Y		C.12.a.vi,D.14.a.vi
CUSTODY_TYPE	Type of custody: \n1 -- Bank - section 17(f)(1) (15 U.S.C. 80a-17(f)(1));\n2 -- Member national securities exchange - rule 17f-1 (17 CFR 270.17f-1);\n3 -- Self - rule 17f-2 (17 CFR 270.17f-2); \n4 -- Securities depository - rule 17f-4 (17 CFR 270.17f-4);\n5 -- Foreign custodian - rule 17f-5 (17 CFR 270.17f-5);\n6 -- Futures commission merchants and commodity clearing organizations - rule 17f-6 (17 CFR 270.17f-6);\n7 -- Foreign securities depository - rule 17f-7 (17 CFR 270.17f-7);\n8 -- Insurance company sponsor - rule 26a-2 (17 CFR 270.26a-2); or\n9 -- Other	VARCHAR2(150)	Y		C.12.a.vii,D.14.a.vii
OTHER_CUSTODIAN_DESC	Description of 'other' custody type	CLOB(4000)	Y		C.12.a.vii.9,D.14.a.vii.9

5.28 SHAREHOLDER_SERVICING_AGENT (Item C.13)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
AGENT_NAME	Full name	VARCHAR2(150)	Y		C.13.a.i
AGENT_LEI	LEI or other identifying number	VARCHAR2(100)	Y		C.13.a.ii
OTHER_IDENTIFYING_NUM_DESC	Description of other identifying number, if not LEI	VARCHAR2(500)	Y		C.13.a.ii
STATE	State, if applicable	VARCHAR2(5)	Y		C.13.a.iii
COUNTRY	Country	VARCHAR2(10)	Y		C.13.a.iv
IS_AFFILIATED	Is the shareholder servicing agent an affiliated person of the Fund or its investment adviser(s)?	CHAR(1)	Y		C.13.a.v
IS_SUBSHARE	Is the shareholder servicing agent a sub-shareholder servicing agent?	CHAR(1)	Y		C.13.a.vi

5.29 ADMIN (Item C.14)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, CIK, and series identifier, when available	VARCHAR2(42)	N		
ADMIN_NAME	Full name	VARCHAR2(150)	Y		C.14.a.i
ADMIN_LEI	LEI or other identifying number	VARCHAR2(100)	Y		C.14.a.ii
OTHER_IDENTIFYING_NUM	Description of other identifying number, if not LEI	VARCHAR2(500)	Y		C.14.a.ii
STATE	State	VARCHAR2(5)	Y		C.14.a.iii
COUNTRY	Country	VARCHAR2(10)	Y		C.14.a.iv
IS_AFFILIATED	Is the administrator an affiliated person of the Fund or its investment adviser	CHAR(1)	Y		C.14.a.v
IS_SUB_ADMIN	Is the administrator a sub-administrator	CHAR(1)	Y		C.14.a.vi

5.30 BROKER_DEALER (Item C.15)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, CIK, and series identifier, when available	VARCHAR2(42)	N		
BROKER_DEALER_NAME	Full name	VARCHAR2(150)	Y		C.15.a
FILE_NUM	File Number	VARCHAR2(30)	Y		C.15.b
CRD_NUM	CRD Number	VARCHAR2(9)	Y		C.15.c
BROKER_DEALER_LEI	LEI, if any	VARCHAR2(20)	Y		C.15.d
STATE	State	VARCHAR2(5)	Y		C.15.e
COUNTRY	Country	VARCHAR2(10)	Y		C.15.f
COMMISSION	Total commissions paid to the affiliated broker-dealer for the reporting period	NUMBER(22)	Y		C.15.g

5.31 BROKER (Item C.16)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, CIK, and series identifier, when available	VARCHAR2(42)	N		
BROKER_NAME	Full name	VARCHAR2(150)	Y		C.16.a.i
FILE_NUM	File Number	VARCHAR2(30)	Y		C.16.a.ii
CRD_NUM	CRD Number	VARCHAR2(9)	Y		C.16.a.iii
BROKER_LEI	LEI, if any	VARCHAR2(20)	Y		C.16.a.iv
STATE	State	VARCHAR2(5)	Y		C.16.a.v
COUNTRY	Country	VARCHAR2(10)	Y		C.16.a.vi
GROSS_COMMISSION	Gross commissions paid by the Fund for the reporting period	NUMBER(22)	Y		C.16.a.vii

5.32 PRINCIPAL_TRANSACTION (Item C.17)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
PRINCIPAL_NAME	Full name of dealer	VARCHAR2(150)	Y		C.17.a.i
FILE_NUM	SEC file number	VARCHAR2(30)	Y		C.17.a.ii
CRD_NUM	CRD number	VARCHAR2(9)	Y		C.17.a.iii
PRINCIPAL_LEI	LEI, if any	VARCHAR2(20)	Y		C.17.a.iv
STATE	State, if applicable	VARCHAR2(5)	Y		C.17.a.v
COUNTRY	Country	VARCHAR2(10)	Y		C.17.a.vi
PRINCIPAL_TOTAL_PURCHASE_SALE	Total value of purchases and sales (excluding maturing securities) with Fund	NUMBER(22)	Y		C.17.a.vii

5.33 LINE_OF_CREDIT_DETAIL (Item C.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N	*	
LINE_OF_CREDIT_SEQNUM	Line of credit sequence number	NUMBER(22)	N	*	
IS_CREDIT_LINE_COMMITTED	Is the line of credit a committed or uncommitted line of credit?	VARCHAR2(20)	Y		C.20.a.i
LINE_OF_CREDIT_SIZE	What size is the line of credit?	NUMBER(22)	Y		C.20.a.ii
CREDIT_TYPE	Is the line of credit just for the Fund, or is it shared among multiple funds?	VARCHAR2(10)	Y		C.20.a.iv
IS_CREDIT_LINE_USED	Did the Fund draw on the line of credit this period?	CHAR(1)	Y		C.20.a.v
AVERAGE_CREDIT_LINE_USED	If the Fund drew on the line of credit during this period, what was the average amount outstanding when the line of credit was in use?	NUMBER(22)	Y		C.20.a.vi
DAYS_CREDIT_USED	If the Fund drew on the line of credit during this period, what was the number of days that the line of credit was in use?	NUMBER(22)	Y		C.20.a.vii

5.34 LINE_OF_CREDIT_INSTITUTION (Item C.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
LINE_OF_CREDIT_SEQNUM	Line of credit sequence number	NUMBER(22)	N		
CREDIT_INSTITUTION_NAME	With which institution(s) is the line of credit?	VARCHAR2(150)	Y		C.20.a.iii

5.35 CREDIT_USER (Item C.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
LINE_OF_CREDIT_SEQNUM	Line of credit sequence number	NUMBER(22)	N		

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_NAME	Name	VARCHAR2(150)	Y		C.20.a.iv.1
SEC_FILE_NUM	SEC File Number	VARCHAR2(30)	Y		C.20.a.iv.1

5.36 INTER_FUND_LENDING_DETAIL (Item C.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
LENDING_LOAN_AVERAGE	What was the average amount of the interfund loan when the loan was outstanding?	NUMBER(22)	Y		C.20.b.i
LENDING_DAYS_OUTSTANDING	What was the number of days that the interfund loan was outstanding?	NUMBER(22)	Y		C.20.b.ii

5.37 INTER_FUND_BORROWING_DETAIL (Item C.20)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
BORROWING_LOAN_AVERAGE	What was the average amount of the interfund loan when the loan was outstanding?	NUMBER(22)	Y		C.20.c.i
BORROWING_DAYS_OUTSTANDING	What was the number of days that the interfund loan was outstanding?	NUMBER(22)	Y		C.20.c.ii

5.38 SECURITY_RELATED_ITEM (Item D.1)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N	*	
SECURITY_RELATED_ITEM_SEQNUM	Security lending sequence number	NUMBER(22)	N	*	
DESCRIPTION	Securities issued by Registrant	VARCHAR2(100)	Y		D.1.a,D.1.b,D.1.c,D.1.d,D.1.e,D.1.f
SECURITY_CLASS_TITLE	Title of class	VARCHAR2(150)	Y		D.1.a.i,D.1.b.i,D.1.c.i,D.1.d.i,D.1.e.i,D.1.f.i
OTHER_SECURITY_DESCRIPTION	Description of Other security type	CLOB(4000)	Y		D.1.f
EXCHANGE	Exchange where listed	VARCHAR2(10)	Y		D.1.a.ii,D.1.b.ii,D.1.c.ii,D.1.d.ii,D.1.e.ii,D.1.f.ii
TICKER_SYMBOL	Ticker symbol	VARCHAR2(12)	Y		D.1.a.iii,D.1.b.iii,D.1.c.iii,D.1.d.iii,D.1.e.iii,D.1.f.iii

5.39 RIGHTS_OFFERING_FUND (Item D.2)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
IS_RIGHTS_OFFER_COMMON	Rights offering common stock	CHAR(1)	Y		D.2.b.i
IS_RIGHTS_OFFER_PREFERRED	Rights offering preferred stock	CHAR(1)	Y		D.2.b.ii
IS_RIGHTS_OFFER_WARRANTS	Rights offering warrants	CHAR(1)	Y		D.2.b.iii
IS_RIGHTS_OFFER_CONVERTIBLES	Rights offering convertible securities	CHAR(1)	Y		D.2.b.iv

Field Name	Description	Data Type	Nullable	Key	Item In Rule
IS_RIGHTS_OFFER_BONDS	Rights offering bonds	CHAR(1)	Y		D.2.b.v
IS_RIGHTS_OFFER_OTHER	Rights offering other	CHAR(1)	Y		D.2.b.vi
RIGHTS_OFFER_DESC	Other rights offering description	CLOB(4000)	Y		D.2.b.vi
PCT_PARTCI_PRIMARY_OFFERING	Percentage of participation in primary rights offering	NUMBER(22)	Y		D.2.c

5.40 LONGTERM_DEBT_DEFAULT (Item D.5)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
DEFAULT_NATURE	Nature of default	CLOB(4000)	Y		D.5.a.i
DEFAULT_DATE	Date of default	DATE	Y		D.5.a.ii
DEFAULT_AMNT_PER_1000	Amount of default per \$1,000 face amount	NUMBER(22)	Y		D.5.a.iii
TOTAL_DEFAULT_AMNT	Total amount of default	NUMBER(22)	Y		D.5.a.iv

5.41 DIVIDENDS_IN_ARREAR (Item D.6)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N		
ISSUE_TITLE	Title of issue	VARCHAR2(150)	Y		D.6.a.i
AMOUNT_PER_SHARE_IN_ARREAR	Amount per share in arrears	NUMBER(22)	Y		D.6.a.ii

5.42 SECURITY_EXCHANGE (Item E.1)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available or as accession_number and ETF sequence number	VARCHAR2(42)	N		
FUND_EXCHANGE	Name of the national securities exchange on which the Fund's shares are listed	VARCHAR2(150)	Y		E.1.a
FUND_TICKER_SYMBOL	Fund ticker symbol	VARCHAR2(12)	Y		E.1.b

5.43 AUTHORIZED_PARTICIPANT (Item E.2)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, CIK, and series identifier, when available or as accession_number and ETF sequence number	VARCHAR2(42)	N		
PARTICIPANT_NAME	Full name	VARCHAR2(150)	Y		E.2.a

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FILE_NUM	SEC file number	VARCHAR2(30)	Y		E.2.b
CRD_NUM	CRD number	VARCHAR2(9)	Y		E.2.c
PARTICIPANT_LEI	LEI	VARCHAR2(20)	Y		E.2.d
PURCHASE_VALUE	The dollar value of the Fund shares the authorized participant purchased from the Fund during the reporting period	NUMBER(22)	Y		E.2.e
REDEEM_VALUE	The dollar value of the Fund shares the authorized participant redeemed during the reporting period	NUMBER(22)	Y		E.2.f

5.44 ETF (Items E.2, E.3, E.4 and E.5)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
FUND_ID	Fund identifier, composed as accession_number, cik, and series identifier, when available	VARCHAR2(42)	N	*	
FUND_NAME	Fund name	VARCHAR2(150)	Y		
SERIES_ID	Series identification number	VARCHAR2(10)	Y		
IS_COLLATERAL_REQUIRED	Did the Fund require that an authorized participant post collateral to the Fund or any of its designated service providers in connection with the purchase or redemption of Fund shares during the reporting period	CHAR(1)	Y		E.2.g
NUM_SHARES_PER_CREATION_UNIT	Number of Fund shares required to form a creation unit as of the last business day of the reporting period	NUMBER(22)	Y		E.3.a
PURCHASED_AVG_PCT_CASH	Based on the dollar value paid for each creation unit purchased by authorization participants during the reporting period, the average percentage of that value composed of cash	NUMBER(22)	Y		E.3.b.i
PURCHASED_STDV_PCT_CASH	Based on the dollar value paid for each creation unit purchased by authorization participants during the reporting period, the standard deviation of the percentage of that value composed of cash	NUMBER(22)	Y		E.3.b.ii
PURCHASED_AVG_PCT_NON_CASH	Based on the dollar value paid for each creation unit purchased by authorization participants during the reporting period, the average percentage of that value composed of non-cash assets and other positions exchanged on an in-kind basis	NUMBER(22)	Y		E.3.b.iii
PURCHASED_STDV_PCT_NON_CASH	Based on the dollar value paid for each creation unit purchased by authorization participants during the reporting period, the standard deviation of the percentage of that value composed of non-cash assets and other positions exchanged on an in-kind basis	NUMBER(22)	Y		E.3.b.iv
REDEEMED_AVG_PCT_CASH	Based on the dollar value paid for creation units redeemed by authorization participants during the reporting period, the average percentage of that value composed of cash	NUMBER(22)	Y		E.3.c.i
REDEEMED_STDV_PCT_CASH	Based on the dollar value paid for creation units redeemed by authorization participants during the reporting period, the standard deviation of the percentage of that value composed of cash	NUMBER(22)	Y		E.3.c.ii
REDEEMED_AVG_PCT_NON_CASH	Based on the dollar value paid for creation units redeemed by authorization participants during the reporting period, the average percentage of that value	NUMBER(22)	Y		E.3.c.iii

Field Name	Description	Data Type	Nullable	Key	Item In Rule
	composed of non-cash assets and other positions exchanged on an in-kind basis				
REDEEMED_STDV_PCT_NON_CASH	Based on the dollar value paid for creation units redeemed by authorization participants during the reporting period, the standard deviation of the percentage of that value composed of non-cash assets and other positions exchanged on an in-kind basis	NUMBER(22)	Y		E.3.c.iv
PURCH_AVG_FEE_PER_UNIT	For creation units purchased, the average transaction fee charged to authorized participant expressed as dollars per creation unit	NUMBER(22)	Y		E.3.d.i.1
PURCH_AVG_FEE_SAME_DAY	For creation units purchased, the average transaction fee charged to authorized participant expressed as dollars for one or more creation units purchased on the same day	NUMBER(22)	Y		E.3.d.i.2
PURCH_AVG_FEE_PERCENTAGE	For creation units purchased, the average transaction fee charged to authorized participant expressed as a percentage of the value of each creation unit	NUMBER(22)	Y		E.3.d.i.3
PURCH_AVG_FEE_CASH_PER_UNIT	For creation units purchased, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as dollars per creation unit	NUMBER(22)	Y		E.3.d.ii.1
PURCH_AVG_FEE_CASH_SAME_DAY	For creation units purchased, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as dollars for one or more creation units purchased on the same day	NUMBER(22)	Y		E.3.d.ii.2
PURCH_AVG_FEE_CASH_PERCENTAGE	For creation units purchased, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as a percentage of the cash in each creation unit	NUMBER(22)	Y		E.3.d.ii.3
REDEEM_AVG_FEE_PER_UNIT	For creation units redeemed, the average transaction fee charged to authorized participant expressed as dollars per creation unit	NUMBER(22)	Y		E.3.e.i.1
REDEEM_AVG_FEE_SAME_DAY	For creation units redeemed, the average transaction fee charged to authorized participant expressed as dollars for one or more creation units redeemed on the same day	NUMBER(22)	Y		E.3.e.i.2
REDEEM_AVG_FEE_PERCENTAGE	For creation units redeemed, the average transaction fee charged to authorized participant expressed as a percentage of the value of each creation unit	NUMBER(22)	Y		E.3.e.i.3
REDEEM_AVG_FEE_CASH_PER_UNIT	For creation units redeemed, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as dollars per creation unit	NUMBER(22)	Y		E.3.e.ii.1
REDEEM_AVG_FEE_CASH_SAME_DAY	For creation units redeemed, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as dollars for one or more creation units redeemed on the same day	NUMBER(22)	Y		E.3.e.ii.2
REDEEM_AVG_FEE_CASH_PERCENTAGE	For creation units redeemed, the average transaction fee charged to authorized participant for transacting in those creation units fully or partially composed of cash, expressed as a percentage of the cash in each creation unit	NUMBER(22)	Y		E.3.e.ii.3
IS_PERF_TRACKED_AFFILIA_PERSON	Is the index whose performance the Fund tracks, constructed by an affiliated person of the Fund	CHAR(1)	Y		E.4.a.i.1
IS_PERF_TRACKED_EXCLUSIVELY	Is the index whose performance the Fund tracks, constructed exclusively for the Fund	CHAR(1)	Y		E.4.a.i.2

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ANNUAL_DIFF_B4_FEE_EXPENSE	Annualized difference between the Fund's total return during the reporting period and in the index's return during the reporting period before Fund fees and expenses	NUMBER(22)	Y		E.4.a.ii.1
ANNUAL_DIFF_AFTER_FEE_EXPENSE	Annualized difference between the Fund's total return during the reporting period and in the index's return during the reporting period after Fund fees and expenses	NUMBER(22)	Y		E.4.a.ii.2
ANNUAL_STDV_B4_FEE_EXPENSE	Annualized standard deviation of the daily difference between the Fund's total return during the reporting period and in the index's return during the reporting period before Fund fees and expenses	NUMBER(22)	Y		E.4.a.iii.1
ANNUAL_STDV_AFTER_FEE_EXPENSE	Annualized standard deviation of the daily difference between the Fund's total return during the reporting period and in the index's return during the reporting period after Fund fees and expenses	NUMBER(22)	Y		E.4.a.iii.2
IS_FUND_IN_KIND ETF	Is the Fund an In-Kind Exchange Traded Fund	CHAR(1)	Y		E.5

5.45 DEPOSITOR (Item F.1)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
DEPOSITOR_NAME	Full name	VARCHAR2(150)	Y		F.1.a
CRD_NUM	CRD number	VARCHAR2(9)	Y		F.1.b
DEPOSITOR_LEI	LEI	VARCHAR2(20)	Y		F.1.c
STATE	State	VARCHAR2(5)	Y		F.1.d
COUNTRY	Country	VARCHAR2(10)	Y		F.1.e
ULTIMATE_PARENT_NAME	Full name of ultimate parent of depositor	VARCHAR2(150)	Y		F.1.f

5.46 UIT_ADMIN (Items F.2)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
UIT_ADMIN_NAME	Full name	VARCHAR2(150)	Y		F.2.a.i
UIT_ADMIN_LEI	LEI or other identifying number	VARCHAR2(100)	Y		F.2.a.ii
OTHER_IDENTIFYING_NUM	Description of other identifying number, if not LEI	VARCHAR2(4000)	Y		F.2.a.ii
STATE	State	VARCHAR2(5)	Y		F.2.a.iii
COUNTRY	Country	VARCHAR2(10)	Y		F.2.a.iv
IS_AFFILIATED	Is the administrator an affiliated person of the Fund or its investment adviser	CHAR(1)	Y		F.2.a.v
IS_SUB_ADMIN	Is the administrator a sub-administrator	CHAR(1)	Y		F.2.a.vi

5.47 UIT (Items F.2-18)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N	*	
IS_ADMIN_HIRED_FIRED	Has an administrator been hired or terminated during the reporting period	CHAR(1)	Y		F.2.b
IS_SEPERATE_ACCT	Is the Registrant a separate account of an insurance company?	CHAR(1)	Y		F.3
EXISTING_SERIES_CNT	Provide the number of series existing at the end of the reporting period that had outstanding securities registered under the Securities Act	NUMBER(22)	Y		F.6.a
NEW_SERIES_CNT	Number of new series for which registration statements under the Securities Act became effective during the reporting period	NUMBER(22)	Y		F.7.a
NEW_SERIES_AGG_VALUE	Total aggregate value of the portfolio securities on the date of deposit for the new series	NUMBER(22)	Y		F.7.b
SERIES_CURRENT_PROSPECTUS	Number of series for which a current prospectus was in existence at the end of the reporting period	NUMBER(22)	Y		F.8
SERIES_CNT_ADDITIONAL_UNITS	Number of existing series for which additional units were registered under the Securities Act during the reporting period	NUMBER(22)	Y		F.9.a
TOTAL_VALUE_ADDITIONAL_UNIT	Total value of additional units	NUMBER(22)	Y		F.9.b
VALUE_UNIT_PLACED_SUBSEQUENT	Value of units placed in portfolios of subsequent series	NUMBER(22)	Y		F.10
TOTAL_ASSET_FOR_ALL_SERIES	Provide the total assets of all series of the Registrant combined as of the end of the reporting period:	NUMBER(22)	Y		F.11
SERIES_ID	Series ID of separate account.	VARCHAR2(10)	Y		F.12
NUM_CONTRACTS	Number of contracts.	NUMBER(22)	Y		F.13
IS_RELYON_RULE_6C_7	Reliance on rule 6c-7	CHAR(1)	Y		F.15
IS_RELYON_RULE_11A_2	Reliance on rule 11a-2.	CHAR(1)	Y		F.16
IS_RELYON_RULE_12D1_4	Reliance on rule 12d1-4	CHAR(1)	Y		F.17
IS_RELYON_RULE_12D1G	Reliance on rule 12(d)(1)(G)	CHAR(1)	Y		F.18

5.48 SERIES_CIK (Items F.6.b)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
SERIES_CIK	The CIK that had outstanding securities registered under The Securities Act at The end of The reporting period	VARCHAR2(10)	Y		F.6.b

5.49 SPONSOR (Item F.4)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
SPONSOR_NAME	Full name	VARCHAR2(150)	Y		F.4.a
CRD_NUM	CRD number, if any	VARCHAR2(9)	Y		F.4.b
SPONSOR_LEI	LEI, if any	VARCHAR2(20)	Y		F.4.c
STATE	State, if applicable	VARCHAR2(5)	Y		F.4.d
COUNTRY	Country	VARCHAR2(10)	Y		F.4.e

5.50 TRUSTEE (Item F.5)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
TRUSTEE_NAME	Full name	VARCHAR2(150)	Y		F.5.a
STATE	State, if applicable	VARCHAR2(5)	Y		F.5.b
COUNTRY	Country	VARCHAR2(10)	Y		F.5.c

5.51 CONTRACT_SECURITY (Item F.14)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
SECURITY_NAME	Full name of the security	VARCHAR2(150)	Y		F.14.a
CONTRACT_ID	Contract identification number	VARCHAR2(10)	Y		F.14.b
TOTAL_ASSET	Total assets attributable to the security	NUMBER(22)	Y		F.14.c
NUM_CONTRACT_SOLD	Number of contracts sold during the reporting period	NUMBER(22)	Y		F.14.d
GROSS_PREMIUM_RECEIVED	Gross premiums received during the reporting period	NUMBER(22)	Y		F.14.e
GROSS_PREMIUM_RECEIVED_SEC1035	Gross premiums received pursuant to section 1035 exchanges	NUMBER(22)	Y		F.14.f
NUM_CONTRACT_AFFECTED_PAID	Number of contracts affected in connection with premiums paid in pursuant to section 1035 exchanges	NUMBER(22)	Y		F.14.g
CONTRACT_VALUE_REDEEMED	Amount of contract value redeemed during the reporting period	NUMBER(22)	Y		F.14.h
CONTRAC_VALUE_REDEEMED_SEC1035	Amount of contract value redeemed pursuant to section 1035 exchanges	NUMBER(22)	Y		F.14.i
NUM_CONTRACT_AFFECTED_REDEEMED	Number of contracts affected in connection with contract value redeemed pursuant to section 1035 exchanges	NUMBER(22)	Y		F.14.j

5.52 DIVESTMENT (Item F.17)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
ISSUER_NAME	Full name of the issuer	VARCHAR2(150)	Y		F.17.a.i
TICKER	Ticker symbol	VARCHAR2(12)	Y		F.17.a.ii
CUSIP	CUSIP number	VARCHAR2(10)	Y		F.17.a.iii
DIVESTED_NUM_SHARES	Total number of shares or, for debt securities, principal amount divested	NUMBER(22)	Y		F.17.a.iv
DIVESTED_DATE	Date that the securities were divested	DATE	Y		F.17.a.v
STATUTE_NAME	Name of the statute that added the provision of section 13(c) in accordance with which the securities were divested	VARCHAR2(150)	Y		F.17.a.vi

5.53 REGISTRANT_HELDS_SECURITY (Item F.17)

Field Name	Description	Data Type	Nullable	Key	Item In Rule
ACCESSION_NUMBER	The 20-character string formed from the 18-digit number assigned by the Commission to each EDGAR submission.	VARCHAR2(20)	N		
TICKER	Ticker symbol	VARCHAR2(12)	Y		F.17.b.i
CUSIP	CUSIP number	VARCHAR2(10)	Y		F.17.b.ii
TOTAL_NUM_SHARES	Total number of shares or, for debt securities, principal amount held on the date of the filing	NUMBER(22)	Y		F.17.b.iii